UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

: 6,931,885 B2

Page 1 of 26

DATED

APPLICATION NO.: 10/712170

INVENTOR(S)

: August 23, 2005 : Andrew Citrynell, Kimberly Ann Miller and Joel Schwarze

It is certified that error appears in the above-identified patent and that said Letters Patent is

hereby corrected as shown below:

Please replace the originally filed drawings with the attached replacement drawings.

Signed and Sealed this

Seventh Day of November, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office



(12) United States Patent Citrynell et al.

(10) Patent No.:

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(45) Date of Patent:

Aug. 23, 2005

DRINKING VESSELS WITH REMOVABLE COOLING DEVICES

(75) Inventors: Andrew Citrynell, 264 Sunrise La., Carbondale, CO (US) 81623; Kimberly

Ann Miller, Carbondale, CO (US); Joel Schwarze, Hutchinson, MN (US)

Assignce: Andrew Citrynell, Carbondale, CO

(US)

Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/712,170

(*) Notice:

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Related U.S. Application Data

(63)Continuation-in-part of application No. 10/389,733, filed on Mar. 14, 2003, now Pat. No. 6,758,058.

(51)	Int. Cl. ⁷ F25D 3/08	ı
	U.S. Cl	
(58)	Field of Search 62/457.3, 457.4	,

62/457.1, 530, 371, 438, 529; 220/709,

References Cited (56)

U.S. PATENT DOCUMENTS

4,765,393 A	8/1988	Baxter
5,044,173 A	9/1991	Cheng
5,189,892 A	3/1993	Roberts
5,467,877 A	11/1995	Smith
5,597,087 A	1/1997	Vinarsky
6,474,096 B1	11/2002	de la Guardia

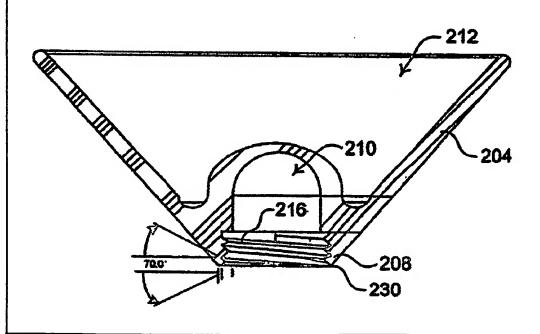
Primary Examiner-Chen Wen Jiang

(74) Attorney, Agent, or Firm-Townsend and Townsend and Crew LLP

ABSTRACT

In one embodiment, a beverage container comprises a vessel having an interior that is adapted to hold a beverage. The vessel has a closed bottom end and an open top end. The bottom end defines a cavity that is fluidly sealed from the interior of the vessel. A cooling element is configured to be coupled to the vessel and to fit within the cavity. A base comprises a bottom member and a stem extending vertically upward from the bottom member. The base includes a connector that is configured to be coupled to the cooling element or vice versa.

19 Claims, 24 Drawing Sheets



Aug. 23, 2005

Sheet 1 of 24

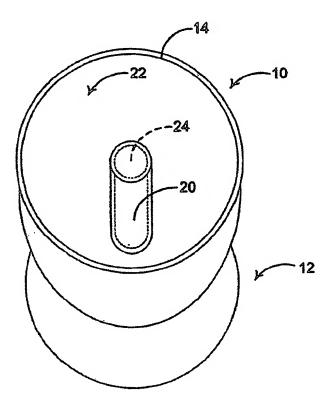


Fig.1

Sheet 2 of 24

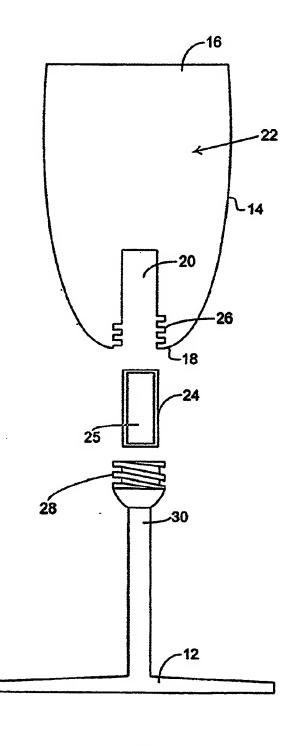


Fig.2

Sheet 3 of 24

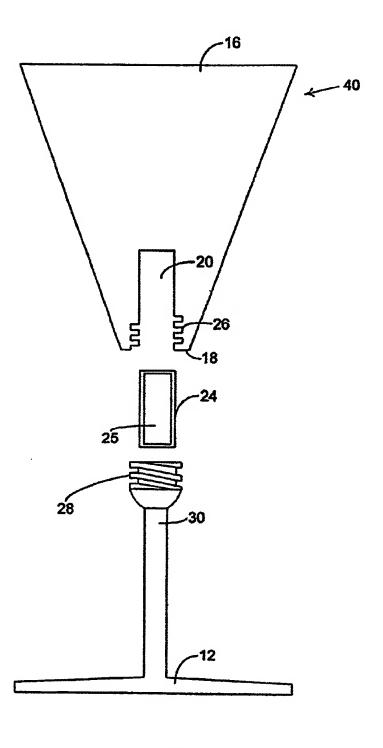
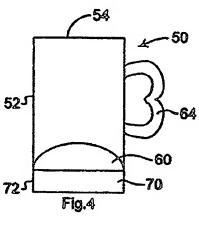
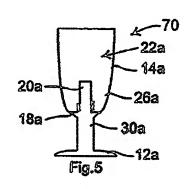


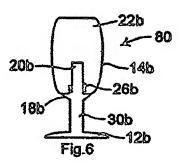
Fig.3

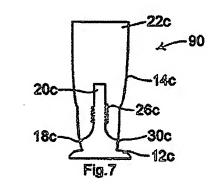
Aug. 23, 2005

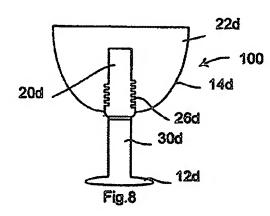
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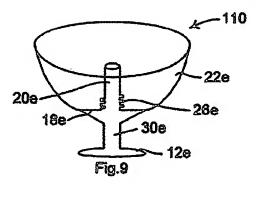


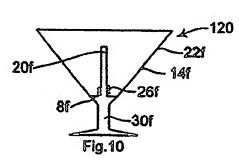


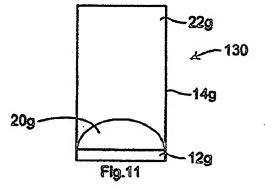












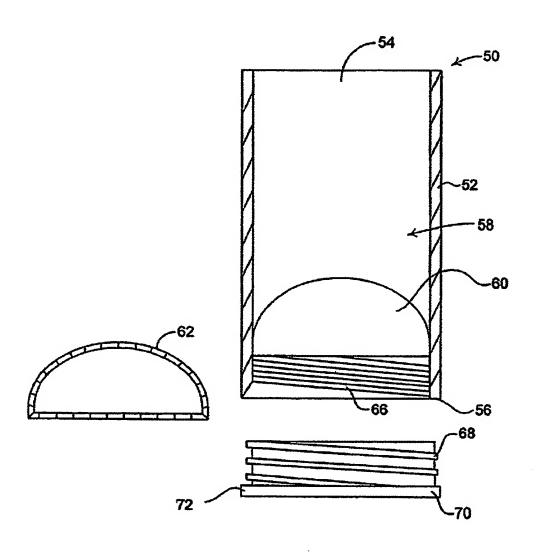


Fig.4 A

Page 8 of 26

U.S. Patent

Aug. 23, 2005

Sheet 6 of 24

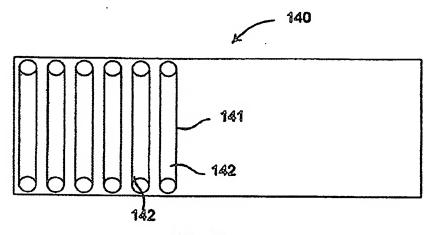


Fig.12

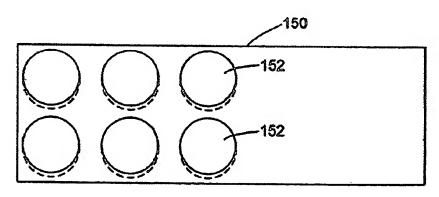


Fig.13

U.S. Patent

Sheet 7 of 24

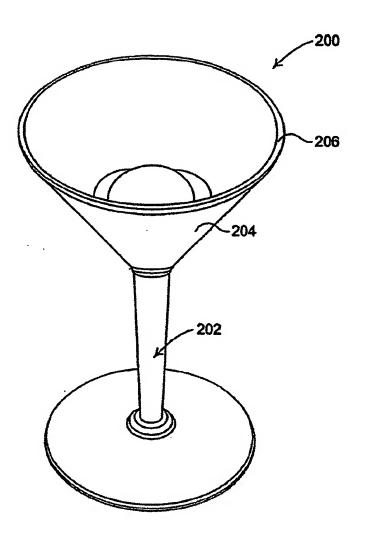


Fig.14

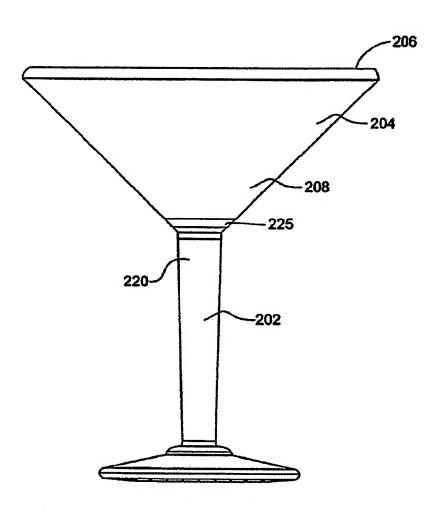
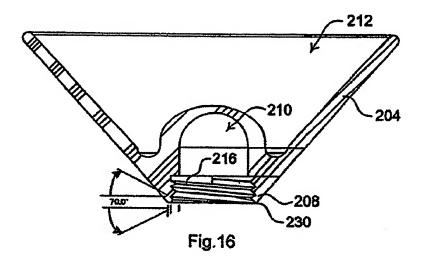


Fig.15

Sheet 9 of 24



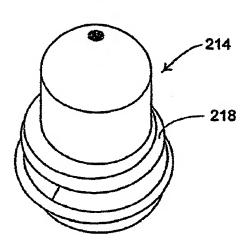
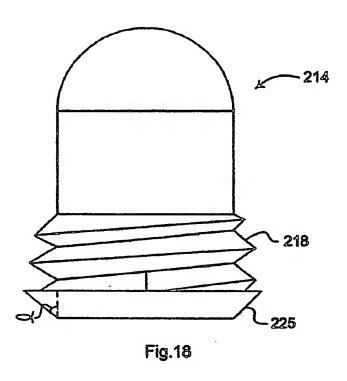


Fig.17

Aug. 23, 2005

Sheet 10 of 24



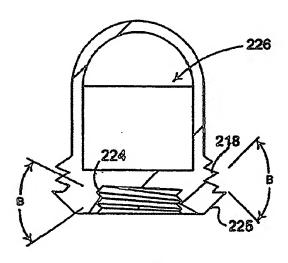


Fig.18A

Page 13 of 26

U.S. Patent

Aug. 23, 2005

Sheet 11 of 24

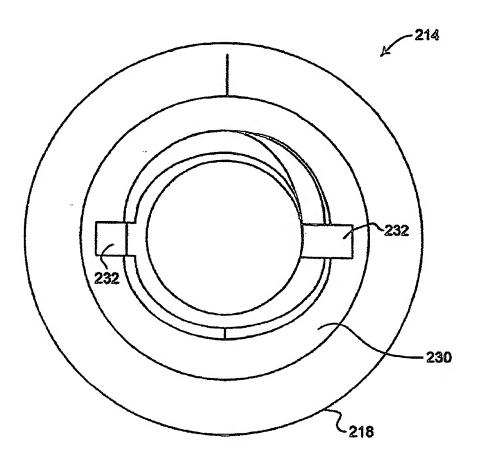


Fig.18B

Aug. 23, 2005

Sheet 12 of 24

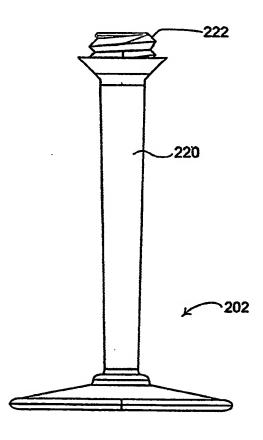


Fig.19

Sheet 13 of 24

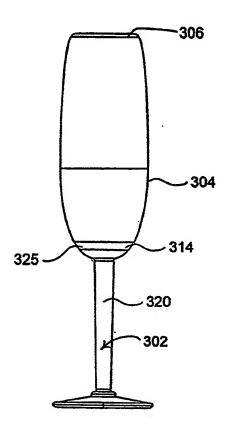


Fig.20

Sheet 14 of 24

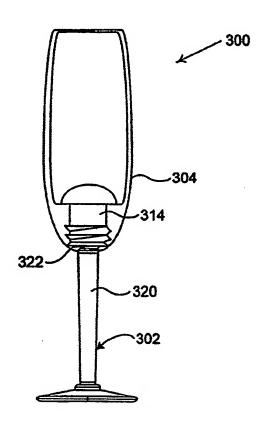


Fig.21

Aug. 23, 2005 Sheet 15 of 24

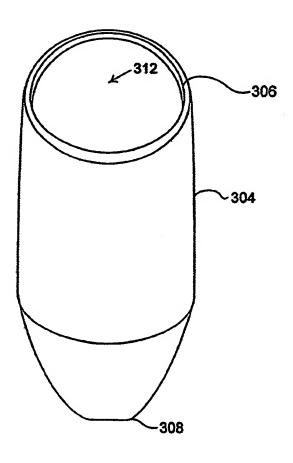


Fig.22

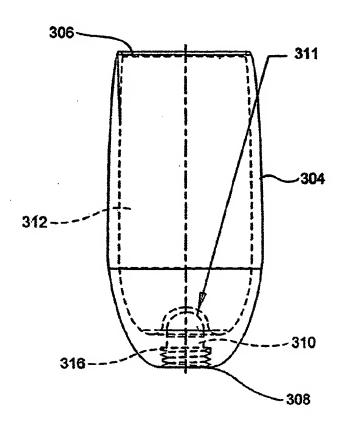


Fig.23

Aug. 23, 2005

Sheet 17 of 24

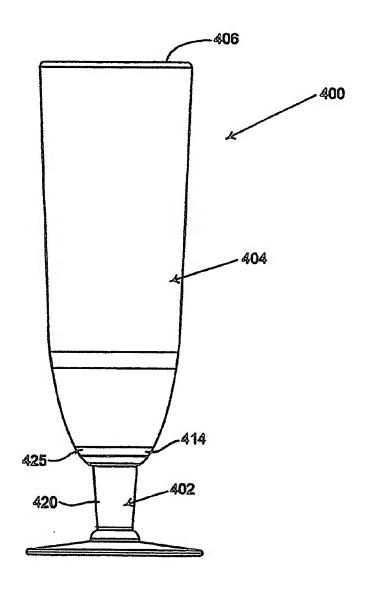


Fig.24

Sheet 18 of 24

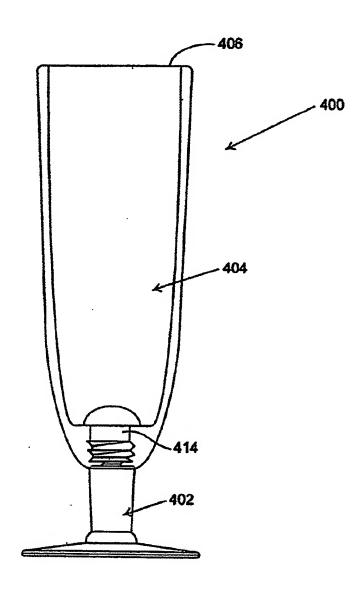


Fig.25

Aug. 23, 2005

Sheet 19 of 24

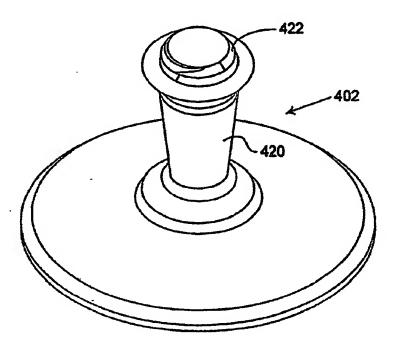


Fig.26

Sheet 20 of 24

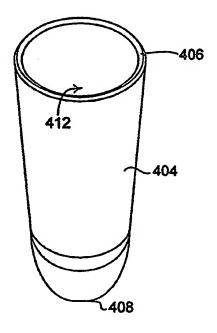


Fig.27

Sheet 21 of 24

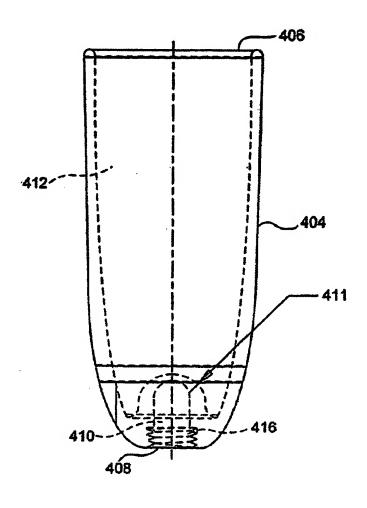


Fig.28

Sheet 22 of 24

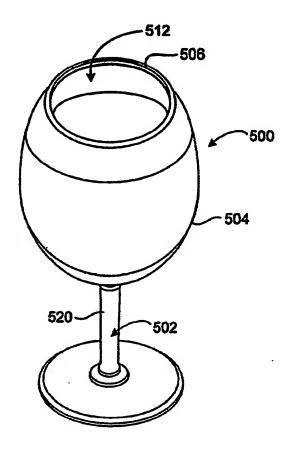


Fig.29

Aug. 23, 2005

Sheet 23 of 24

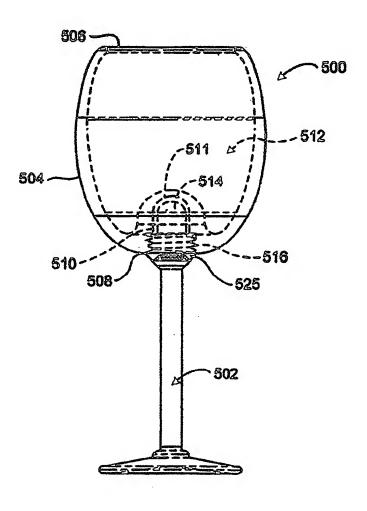


Fig.30

Aug. 23, 2005

Sheet 24 of 24

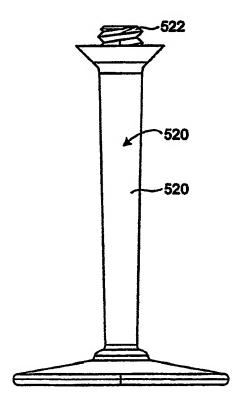


Fig.31